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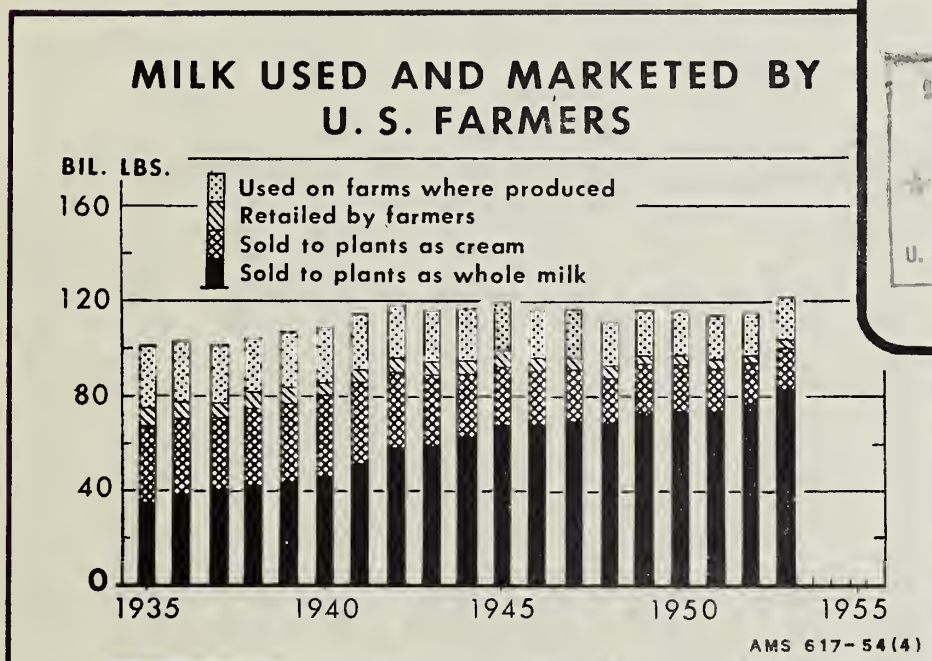


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# Farm Production, Disposition, and Income from

# Milk

## 1952-53



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U. S. DEPARTMENT OF AGRICULTURE

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
CROP REPORTING BOARD  
Washington, D. C.  
April 1954

Table 1.-Monthly milk production on farms, United States 1929-53 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
<u>Million pounds</u>													
1929	7,187	6,860	8,067	8,543	10,047	10,562	10,027	8,800	7,642	7,335	6,811	7,107	98,988
1930	7,371	7,051	8,253	8,723	10,386	10,766	9,725	8,413	7,522	7,466	7,091	7,391	100,158
1931	7,798	7,417	8,519	9,048	10,580	10,683	9,663	8,643	7,798	7,737	7,427	7,716	103,029
1932	7,951	7,784	8,625	8,854	10,504	10,701	9,777	8,739	7,974	7,810	7,369	7,722	103,810
1933	7,983	7,532	8,580	8,989	10,665	10,675	9,973	9,167	8,192	7,941	7,417	7,648	104,762
1934	7,652	7,144	8,272	8,760	10,182	10,477	9,796	9,004	8,160	7,835	7,185	7,154	101,621
1935	7,084	6,690	7,823	8,440	10,222	10,991	10,384	9,402	8,258	7,702	7,003	7,206	101,205
1936	7,292	7,159	8,244	8,807	10,507	10,948	9,893	8,695	8,049	8,090	7,322	7,404	102,410
1937	7,388	6,899	8,041	8,560	10,466	10,955	10,323	9,192	8,071	7,735	6,981	7,297	101,908
1938	7,438	7,089	8,443	9,120	10,881	11,226	10,581	9,545	8,445	8,073	7,396	7,570	105,807
1939	7,807	7,411	8,725	9,195	10,903	11,277	10,498	9,515	8,394	7,945	7,433	7,689	106,792
1940	7,670	7,631	8,796	9,377	11,276	11,678	10,845	9,919	8,822	8,269	7,427	7,702	109,412
1941	8,122	7,855	9,174	10,050	12,182	12,042	11,372	10,455	9,238	8,684	7,798	8,116	115,088
1942	8,451	8,149	9,539	10,504	12,600	12,555	11,853	10,902	9,414	8,629	7,790	8,147	118,533
1943	8,458	8,210	9,637	10,359	12,303	12,654	11,848	10,608	9,111	8,425	7,560	7,844	117,017
1944	8,358	8,438	9,592	10,189	12,272	12,333	11,594	10,410	9,223	8,646	7,821	8,147	117,023
1945	8,517	8,243	9,814	10,718	12,696	12,907	12,194	11,010	9,428	8,719	7,718	7,864	119,828
1946	8,202	8,029	9,603	10,595	12,577	12,489	11,813	10,756	9,296	8,632	7,698	8,007	117,697
1947	8,418	8,231	9,787	10,508	12,491	12,631	11,930	10,454	8,998	8,445	7,374	7,547	116,814
1948	7,842	7,856	9,155	9,999	11,997	11,986	11,246	10,248	8,898	8,306	7,432	7,706	112,671
1949	8,096	7,938	9,587	10,469	12,326	12,116	11,279	10,548	9,222	8,624	7,806	8,092	116,103
1950	8,378	8,199	9,785	10,387	12,034	12,138	11,497	10,570	9,184	8,658	7,800	7,972	116,602
1951	8,263	8,004	9,596	10,160	12,086	12,123	11,341	10,421	9,073	8,463	7,554	7,757	114,841
1952 2/	8,151	8,155	9,430	10,148	12,073	11,896	11,027	10,265	9,131	8,660	7,884	8,377	115,197
1953 3/	8,800	8,555	10,191	10,910	12,637	12,449	11,603	10,624	9,306	8,878	8,359	8,907	121,219

1/ Estimates based on national indications of milk production and utilization. Subject to revision when data for all individual States become available. 2/ Revised. 3/ Preliminary.

Table 2.-Percentage utilization of milk produced, United States, 1924-53 1/

Year	Manufactured products								Fluid consumption		Other uses 6/
	Factory products										
	Creamery butter	Cheese		Evaporated, condensed, and dry milk		Frozen products	Total factory 5/	Farm butter			
		Net 2/	American	Other	Canned 3/	Other 4/	Net 2/		Net 2/	Farm	
Percent of total											
1924	30.5	4.1	1.0	3.2	.4	2.5	41.8	14.2	14.2	27.3	2.5
1925	31.0	4.3	1.0	3.1	.5	2.9	42.9	13.4	14.0	27.7	2.0
1926	31.2	3.9	.9	3.0	.4	2.8	42.3	13.1	13.6	27.7	3.3
1927	32.1	3.7	1.0	3.2	.4	2.9	43.4	12.6	13.1	27.9	3.0
1928	31.2	3.9	1.0	3.2	.4	2.9	42.7	11.9	13.0	28.5	3.9
1929	32.3	3.9	1.1	3.4	.6	3.2	44.6	10.3	12.4	28.7	3.5
1930	31.8	3.9	1.1	3.3	.5	2.9	43.6	10.3	12.5	28.4	5.2
1931	32.3	3.7	1.1	3.1	.4	2.5	43.2	10.5	12.8	27.1	6.4
1932	32.6	3.6	1.0	3.3	.4	1.9	42.9	11.1	13.3	27.1	5.6
1933	33.7	4.0	1.2	3.5	.4	1.7	44.6	11.0	13.4	26.6	4.4
1934	33.3	4.4	1.3	3.6	.4	2.2	45.3	10.9	13.8	25.9	4.1
1935	32.3	4.7	1.4	3.9	.4	2.5	45.3	10.6	13.6	26.9	3.6
1936	31.9	4.8	1.4	4.3	.5	2.9	45.9	9.7	13.2	27.7	3.5
1937	31.9	4.8	1.5	4.0	.5	3.3	46.1	9.2	13.1	28.3	3.3
1938	33.2	5.3	1.4	4.3	.5	3.1	47.9	8.5	12.7	27.4	3.5
1939	32.7	5.0	1.5	4.4	.5	3.3	47.5	8.0	12.8	27.7	4.0
1940	33.0	5.5	1.6	4.8	.7	3.4	49.1	7.3	12.3	27.4	3.9
1941	31.9	6.5	1.7	6.2	.7	4.0	51.1	6.8	11.5	27.0	3.6
1942	29.2	7.7	1.6	6.4	.8	4.5	50.4	6.1	11.0	28.9	3.6
1943	28.5	6.5	1.9	5.8	1.2	3.8	48.0	5.8	10.7	31.6	3.9
1944	25.3	6.9	1.7	6.6	1.4	4.0	46.5	5.6	10.9	32.5	4.5
1945	22.6	7.3	1.9	7.0	1.8	4.3	45.7	5.6	10.6	33.7	4.4
1946	19.7	6.8	2.5	5.7	1.5	6.9	43.6	5.5	11.0	35.6	4.3
1947	22.5	8.0	2.0	6.1	1.6	6.4	47.0	5.2	10.7	34.8	2.3
1948	21.3	7.6	2.0	6.7	1.6	5.9	45.6	5.1	10.7	35.7	2.9
1949	24.2	8.0	2.2	5.3	1.3	5.8	47.3	4.6	10.1	35.2	2.8
1950	23.7	7.6	2.4	5.4	1.4	5.9	47.0	4.4	9.8	36.0	2.8
1951	20.9	7.6	2.4	5.5	1.4	6.1	44.7	4.3	10.0	37.5	3.5
1952	20.4	7.4	2.7	5.4	1.2	6.5	44.4	3.9	9.8	38.2	3.7
1953 7/	23.2	8.0	2.6	4.6	1.1	6.5	46.8	3.6	9.0	37.3	3.3

1/ Utilization in terms of milk equivalent, fat solids basis. Data on amounts of milk represented are shown in greater detail in table 12. 2/ Excludes milk equivalent of fat previously processed in making another dairy product. 3/ Evaporated and canned sweetened condensed milk. 4/ Bulk condensed and dry whole milk. 5/ Includes some minor products not shown separately. 6/ Milk fed to calves, miscellaneous minor uses, net contributions of year-end stock changes and foreign trade of milk and cream, and residual errors. 7/ Preliminary.



UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
Washington, D. C.

FARM PRODUCTION, DISPOSITION, AND INCOME FROM MILK, 1952-53 <sup>1/</sup>

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SUMMARY

Milk production on United States farms in 1953 jumped sharply to a new record of 121.2 billion pounds. Output was especially heavy during the early and late months of the year. Production per cow in 1953 reached new high records of 5,447 pounds of milk and 213 pounds of milkfat. Milk cow numbers increased to 22,256 thousand head, but were still 13 percent short of the 1944 peak. The fat test of milk produced averaged 3.91 percent, the lowest in 3 decades. Butter churned on farms dropped further, to 222 million pounds, but represented one-seventh of all butter produced. Of the milk produced, 86 percent was marketed by farmers as milk or cream, and 14 percent was used on farms where produced. Whole milk sold to plants increased sharply to a new high of 83.6 billion pounds. Farm skimming and retail sales by farmers declined to 17.2 billion and 3.5 billion pounds, respectively. Milk used on farms where produced in 1953 included 9.3 billion pounds consumed in fluid form, 4.4 billion pounds for farm-churned butter, and 3.3 billion pounds fed to calves. Farmers' cash receipts from marketings of milk and cream in 1953 totaled \$4,370 million, a decline of 4 percent from 1952. These returns included \$3,609 million from sale of whole milk to plants, \$424 million from sale of cream to plants and \$337 million from retail deliveries. Per unit cash returns from the milk used in all products sold in 1953, at \$4.19 per hundred pounds or \$1.07 per pound of milkfat, were 10 percent below a year earlier. Milk used for farm consumption and home-made butter was worth \$646 million. The gross farm income from milk was \$5,016 million, and the farm value of all milk produced \$5,152 million. Factory manufactured products utilized 47 percent of all milk produced, fluid milk and cream consumption by nonfarm people, 37 percent; fluid consumption on farms, 9 percent; farm-churned butter, 4 percent; and other uses, 3 percent.

<sup>1/</sup> Prepared by John L. Wilson and Herbert M. Walters, Agricultural Statisticians, under the general direction of B. H. Bennett, Chief, Dairy Statistics Branch.

Milk production on United States farms in 1953 is estimated at 121,219 million pounds -- the highest output of record, 5 percent above the 115,197 million pounds produced in 1952, and 4 percent above the 1942-51 average. Monthly production in 1953 was characterized by very high level off-season milk flow with total output in the first four and last three months of the year at record high levels. Production per cow was also a new high, averaging 5,447 pounds, exceeding by about 2 percent the 1952 previous high of 5,329 pounds. Output per cow during 1953, was at record high levels in most States other than in the South where milk flow was reduced by drought. Continued heavy grain and concentrate feeding and the higher productive capacity of dairy cows over the country contributed to the record flow. The average fat test of milk produced in 1953 was 3.91 percent, and milkfat production per cow averaged 213 pounds for the year. The number of cows in United States milking herds in 1953 totaled 22.3 million head, 3 percent above 1952. This was the first substantial increase in annual average numbers since 1944. Wisconsin led all States in 1953 milk output with almost 16.0 billion pounds, followed by New York with 9.3 billion, Minnesota, 8.6 billion, and California, 6.6 billion pounds.

### Three-fourths of Farm Butter Churned in the South

Production of farm-churned butter in the United States in 1953 is estimated at 222 million pounds, 3 percent below 1952 and the smallest outturn in 3 decades of records. This represents about one-seventh the combined production of creamery and farm butter in the United States as compared with one-sixth a year earlier and one-fourth a quarter century ago. Farm churnings in 1953 accounted for the butterfat from 4.4 billion pounds of milk, representing about 3.6 percent of the total milk produced on farms. Over three-fourths of the Nation's total farm butter was churned in the South Atlantic and South Central groups of States. Alabama again led all States in farm butter outturn in 1953 with 24.6 million pounds. North Carolina was second with 18.9 million pounds, followed by Texas, 18.3 million, along with Georgia, Tennessee, and Mississippi, all producing about 16 million pounds in 1953. These 6 States alone accounted for half the total butter churned on United States farms in 1953.

### Whole Milk Sales to Plants Increase Sharply, Other Uses Reach New Low

The volume of whole milk marketed from United States farms as milk and cream aggregated 104,246 million pounds -- the first time in 30 years of record that marketings exceeded 100 billion pounds.

Sales of whole milk to plants and dealers, for subsequent distribution in fluid channels or processing into dairy products, totaled 83,605 million pounds -- exceeding the 1952 previous record volume by 8.7 percent. Sales were up substantially in all areas, 6 percent in the North Atlantic and East North Central regions, 10 percent in the West, 11 percent in the South Atlantic, 14 percent in the South Central, and 15 percent in the West North Central group of States. Among the more important dairy States, Minnesota farmers delivered 880 million pounds or one-fifth more milk in 1953 than in 1952; Wisconsin, 790 million; California, 515 million; New York, 430 million, and Ohio 370 million more pounds than in 1952. These States alone account for over 40 percent of the total increase for the Nation. Other States showing sharp increases included Mississippi, Arkansas, Idaho, Kentucky, Oklahoma, North Carolina, Tennessee, and Alabama.

Cream sold by farmers to plants and dealers in 1953 was skimmed from 17,157 million pounds of milk -- the lowest total in 3 decades of record. While just fractionally below the 17,201 million pounds skimmed on farms in 1952, the 1953 total represented only about two-thirds the volume skimmed a decade ago, and was less than half



the 1933 record high. Sales of cream to plants and dealers were down from a year ago in all regions except the West North Central and North Atlantic with increases of 1 and 5 percent, respectively. Decreases were 1 percent in the South Atlantic and West, and 4 percent in the East North Central and South Central areas. States showing increases in farm-skimmed milk included Iowa, up 138 million pounds, and the Dakotas, Nebraska, and Kansas all reporting increases of over 60 million pounds. However, Minnesota milk skimmed for cream was down 308 million pounds, or 10 percent, largely offsetting these increases. The milk retailed by farmers directly to consumers as milk or cream in 1953 is estimated at 3,484 million pounds, 5 percent below the 1952 total, and less than 3 percent of the farm milk production. The 1953 volume was the lowest of record and less than half the amount in the mid-thirties when farm retail sales were at their peak.

The quantity of milk used on farms where produced in 1953 is estimated at 16,973 million pounds, down 3 percent from 1952 and about one-seventh of the total milk produced. Milk and cream consumed in farm households accounted for 9.3 billion pounds. Production of farm butter accounted for another 4.4 billion pounds, with the other 3.3 billion pounds fed to calves.

#### Cash Receipts From Milk and Cream Down in Three-fourths of States

Cash receipts by farmers from dairy products marketed in 1953 totaled \$4,370 million, down 4 percent from the 1952 record high of \$4,566 million, but still the third highest of record. These receipts included returns to the farmer from the sale of whole milk and farm-skimmed cream to plants and dealers and from milk and cream retailed directly to consumers. The high level of cash receipts from marketings of dairy products in 1953 does not necessarily indicate the profitability of dairying, since production expenses in 1953 also continued relatively high.

Sales of whole milk to plants and dealers in 1953 brought farmers a total cash return of \$3,609 million, representing 83 percent of the total cash receipts from marketing of milk and cream. With farmers marketing record quantities, milk prices fell 53 cents to \$4.32 per hundredweight. As a result of the lower price, 1953 cash receipts from whole milk dropped 3 percent below the 1952 record high. However, cash return from whole milk sales to plants in 1953 was still the second highest of record. Sale of farm-skimmed cream brought the Nation's farmers a total cash return of \$425 million in 1953, a drop of 12 percent from 1952 and the smallest cash return from cream since 1940. The amount of fat in cream sold in 1953 was down fractionally from the previous year, but the price of 65.3 cents per pound milkfat was down 12 percent from 1952. Milk and cream retailed by farmers direct to consumers brought in a cash return of \$337 million, 4 percent below 1952 and the lowest in over a decade.

Considered by States, farmers' cash receipts from marketings of milk and cream in 1953 were down from 1952 in 34 of the 48 States. Wisconsin again topped all States in cash receipts from dairy products with \$532 million. New York followed with \$386 million, California had \$323 million, and Pennsylvania \$272 million. Wisconsin, also led in receipts from sales of whole milk to plants and dealers with \$520 million, New York had \$368 million, California \$284 million, and Pennsylvania \$251 million.

Cash receipts from the sale of farm-skimmed cream were down in every State except one. Iowa led all States in farm income from sale of cream with \$103 million, followed by Minnesota with \$72 million, North Dakota with \$34 million, and Nebraska with \$31 million. These four States accounted for over half of the total U. S. cash receipts to farmers from sale of farm-skimmed cream. Farm retail sales were most important in the South when considered relative to total farm income from sale of dairy products. In total value of farm retail sales, the important States were: California \$37 million, Texas and Pennsylvania each \$18 million, and New York \$17 million.



## Value of Milk Used on Farms High in South

Milk consumed in farm households and utilized in production of farm butter on farms where produced in 1953 was valued at \$646 million. While the amount of milk consumed on farms and churned into farm butter was down only 3 percent from a year ago, the unit value dropped more sharply resulting in the total value of milk used being down 11 percent from 1952. The leading States in value of farm-used milk were in the South, where farm butter production is important and a large number of 1 and 2 milk cow farms produce for home use only. Texas led all States in value of milk used for farm consumption and farm butter with \$57 million, followed by Alabama \$49 million, North Carolina \$46 million, and Georgia \$38 million.

## Per Unit Cash Return Drops One-tenth

The average per unit cash return to farmers for milk used in dairy products marketed in 1953 was \$4.19 per hundred pounds of milk or \$1.07 per pound milkfat. The 1953 return was 10 percent below the 1952 record of \$4.67 per hundredweight and \$1.19 per pound fat, but still the fourth highest average return of record. Farmers retailing milk direct to consumers received the high average annual return of \$9.67 per hundredweight. However, processing and distribution costs were very high. Farmers selling whole milk to plants and dealers received an average cash return of \$4.32 per hundredweight, as compared with \$2.47 for milk sold as farm-skimmed cream. The latter did not include any allowance for the value of the skim milk to the farmer.

Cash returns per unit in 1953 declined in all States except Florida, with decreases ranging up to 75 cents per hundredweight in Tennessee. Among the States, 1953 unit returns ranged from a low of \$2.68 in North Dakota, where most of the milk is marketed as farm-skimmed cream to a high of \$7.47 in Florida. In the latter State, a large proportion of the milk produced is sold to fluid plants and dealers or retailed directly from the farm.

## UTILIZATION OF MILK, 1924-53

In 1953, total United States milk production, including the output by both farm and nonfarm cows, totaled 121,519 million pounds. Of this, 57 billion pounds or 47 percent was used for factory production of manufactured dairy products, and over 4 billion pounds or about 4 percent was used for the butter churned on farms. Consumption of fluid milk and cream by the nonfarm population utilized 45 billion pounds of milk or 37 percent of that produced in 1953. Consumption of milk and cream in fluid form by farm families used 11 billion pounds of milk, or 9 percent of the total. About 3 billion pounds of milk was fed to calves and another billion was used for miscellaneous minor items, together accounting for about 3 percent of the total milk produced.

Of the 57 billion pounds of milk used in factory dairy products in 1953, creamery butter production accounted for 28 billion pounds, or 23 percent of all milk produced. Milk used for making cheese amounted to 13 billion pounds or 11 percent of the total. Of this, about three-fourths went into American cheese and one-fourth into cheese of other varieties. Canned evaporated and condensed milk was made from about 5½ billion pounds of milk, or about 4½ percent of the total output. Bulk condensed whole milk and dry whole milk together utilized some 1½ billion pounds or a little more than 1 percent of all milk. Frozen dairy products, including ice cream, ice milk, sherbet, etc. utilized some 8 billion pounds of milk directly as milk or cream -- about 6½ percent of the milk produced -- and in addition utilized some 1½ billion pounds of milk equivalent in the form of butter or condensed milk. Miscellaneous minor factory products used about another billion pounds of milk in 1953. Data on the percentage utilization of milk in these various channels for 1953 and earlier years are shown in table 2.



### Butter Now Less Important Within Factory Group

Utilization of milk in all factory dairy products over the last 3 decades has been characterized by steady moderate increases from 1924 to 1940, a sharp upturn early in World War II to a peak in 1942, and then a drop to lower levels during the following decade with a considerable comeback in 1953. The net amount of milk used for factory dairy products increased from 39 billion pounds in 1924 to almost 61 billion pounds in 1942, dropped rapidly to 52 billion pounds in 1946, fluctuated between 51 and 56 billion pounds during the next six years, and in 1953 totaled 57 billion pounds. Manufactured dairy products utilized 47 percent of the total milk produced in 1953 compared with 42 percent in 1924. Over the last 30 years, utilization within the factory manufactured products group has changed greatly. In 1924, creamery butter accounted for  $28\frac{1}{2}$  billion pounds of milk, nearly three-fourths of the milk equivalent of all factory manufactured products. In 1953, creamery butter utilized about the same volume of milk as in 1924, but it represented less than half of the milk used in factory manufactured products. In the meantime, the volume of milk represented in cheese and frozen dairy products had tripled, and that used for evaporated and condensed and dry milk products had more than doubled.

Farm churning of butter has been on a downtrend over most of the period since 1924, accounting for some 13 billion pounds of milk in 1924, about 11 billion pounds in the middle 1930's, some 7 billion pounds in the mid-1940's and only a little more than 4 billion pounds in 1953. In relation to all milk produced, farm butter in 1953 represented about 4 percent of the total as compared with 14 percent in 1924. Fluid consumption of milk and cream by farm families was maintained at a fairly steady level from 1924 through the 1930's, but has declined substantially since that time. In 1953, farm fluid consumption accounted for 9 percent of the total milk produced compared with 14 percent in 1924.

### Fluid Consumption Off Farms Gains

Nonfarm consumption of fluid milk and cream on the other hand has been on a fairly steady upward trend over most of the period. The milk used for fluid consumption by the nonfarm population increased from 26 billion pounds in 1924 to about 29 billion pounds in the late 1920's, dropped back to around 27 billion pounds in the middle 1930's, increased again to 31 billion pounds in 1940, rose sharply during the war period to a temporary peak of 42 billion pounds in 1946, dropped back to less than 41 billion pounds in 1948, and since that time has gradually increased to a new record of 45 billion pounds in 1953. Nonfarm fluid consumption represented 37 percent of the total milk produced in 1953, compared with 27 percent in 1924.

Data on the quantity of milk produced and utilized for various purposes in the United States during the 1924-53 period are shown in detail in table 12. The production figures shown include the milk produced on farms (also included in table 3 of this publication), and a "total" production which contains, in addition, a rough allowance for milk produced by cows not on farms. Under the utilization items are included separate estimates of (1) milk equivalent of individual factory dairy products as revised in late 1953, (2) milk equivalent of farm-churned butter (also shown in table 4), (3) fluid milk and cream consumption by the total farm population. This includes not only the consumption on farms producing milk carried in table 4 of this report which appeared in the utilization table published in previous years but also an allowance for consumption of milk and cream by people on farms not producing milk, (4) consumption of fluid milk and cream by the nonfarm population as revised in the latter part of 1953, (5) milk fed to calves (also included in table 4), (6) an export and storage total that represents combined milk equivalent of net exports of fluid milk and cream and net into-storage movement of cream, and (7) an entry under "other" that represents the difference between the total milk production and the sum of the specified items of milk utilization.

Table 3.-Farm production and value of milk, United States, 1924-53

Year	Number of milk cows on farms 1/	Production of milk and milkfat					Butter churned on farms	Value of milk used for farm consumption and farm butter 3/	Gross farm income from dairy products 4/	Farm value of milk produced 5/
		Production per milk cow 2/		Percent- age of fat in milk	Total production on farms 2/					
		Milk	Milk-fat		Milk	Milk-fat				
	Thous.	Lb.	Lb.	Pct.	Mil. lb.	Mil. lb.	1,000 lb.	1,000 dol.	1,000 dol.	1,000 dol.
1924	21,417	4,167	163.2	3.92	89,240	3,495	642,803	502,766	1,908,428	1,968,182
1925	21,503	4,218	165.1	3.92	90,699	3,551	618,730	506,402	2,021,127	2,082,889
1926	21,312	4,379	171.7	3.92	93,325	3,659	620,320	497,934	2,064,032	2,127,075
1927	21,191	4,491	176.2	3.92	95,172	3,734	607,245	500,138	2,185,294	2,253,251
1928	21,223	4,516	177.3	3.93	95,843	3,762	577,040	505,991	2,261,718	2,332,245
1929	21,618	4,579	179.7	3.92	98,988	3,884	542,064	485,312	2,323,801	2,395,563
1930	22,218	4,508	176.8	3.92	100,158	3,929	523,285	435,403	2,042,844	2,104,126
1931	23,108	4,459	175.0	3.93	103,029	4,045	544,395	366,216	1,642,951	1,690,064
1932	24,105	4,307	169.2	3.93	103,810	4,079	581,450	300,060	1,286,430	1,320,559
1933	25,062	4,180	164.2	3.93	104,762	4,114	579,845	305,292	1,309,498	1,344,985
1934	25,198	4,033	158.7	3.94	101,621	3,999	558,649	352,924	1,498,441	1,537,645
1935	24,187	4,184	165.4	3.95	101,205	4,000	539,110	386,026	1,696,230	1,739,560
1936	23,727	4,316	170.3	3.95	102,410	4,041	501,900	400,097	1,877,979	1,927,227
1937	23,340	4,366	172.5	3.95	101,908	4,025	472,270	406,214	1,930,985	1,982,911
1938	23,215	4,558	180.1	3.95	105,807	4,180	453,990	353,452	1,741,378	1,786,961
1939	23,273	4,589	181.5	3.95	106,792	4,223	428,689	341,302	1,686,824	1,732,211
1940	23,671	4,622	183.5	3.97	109,412	4,343	402,690	358,885	1,880,237	1,930,935
1941	24,288	4,738	188.2	3.97	115,088	4,571	395,476	404,088	2,303,924	2,364,931
1942	25,027	4,736	188.0	3.97	118,533	4,704	366,370	459,952	2,789,703	2,867,340
1943	25,451	4,598	182.7	3.97	117,017	4,651	341,620	543,723	3,328,916	3,464,864
1944	25,597	4,572	181.9	3.98	117,023	4,657	329,848	556,697	3,471,816	3,567,852
1945	25,033	4,787	190.3	3.98	119,828	4,764	335,690	554,095	3,575,361	3,673,034
1946	24,089	4,886	194.2	3.97	117,697	4,677	330,650	683,667	4,392,659	4,512,653
1947	23,329	5,007	198.9	3.97	116,814	4,639	311,050	725,608	4,738,162	4,866,495
1948	22,336	5,044	200.5	3.97	112,671	4,478	293,290	766,101	5,155,458	5,295,194
1949	22,024	5,272	208.6	3.96	116,103	4,595	275,780	621,225	4,369,550	4,488,255
1950	21,944	5,314	210.4	3.96	116,602	4,618	261,520	593,644	4,312,329	4,431,995
1951	21,616	5,313	209.5	3.94	114,841	4,529	248,850	719,069	4,968,997	5,116,069
1952 6/	21,615	5,329	209.3	3.93	115,197	4,524	229,010	729,781	5,296,234	5,448,067
1953 7/	22,256	5,447	212.8	3.91	121,219	4,736	221,680	645,860	5,016,285	5,152,090

1/ Average number during year, heifers that have not freshened excluded.

2/ Excludes milk sucked by calves, and milk produced by cows not on farms.

3/ Milk used for fluid consumption and home-made butter on farms where produced, valued at average per unit returns for milk utilized in all forms of sale. Prior to 1951 excludes value of farm-churned butter sold.

4/ Cash receipts from marketings of milk and cream plus value of milk used for farm consumption and farm butter churned.

5/ Gross farm income plus value of milk fed to calves.

6/ Revised.

7/ Preliminary.



Table 4.-Milk used and marketed by farmers, and cash returns per unit marketed, United States, 1924-53

Year	Milk used on farms where produced				Milk marketed by farmers				Average per unit cash returns from combined milk and cream marketings <sup>2/</sup>	
	Fed to calves	Consumed as fluid milk or cream	Used for farm-churned butter	Total utilized on farms	Delivered to plants and dealers		Retailled by farmers as milk and cream <sup>1/</sup>	Total in combined milk and cream marketings	Per 100 lb. milk	Per lb. milk-fat
					As whole milk	As farm-skimmed cream				
	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Dol.</u>	<u>Dol.</u>
1924	2,742	11,841	13,245	27,828	25,907	29,366	6,139	61,412	2.16	.55
1925	2,784	11,662	12,736	27,182	26,830	30,417	6,270	63,517	2.26	.58
1926	2,858	11,506	12,734	27,098	27,707	32,123	6,397	66,227	2.25	.57
1927	2,901	11,315	12,436	26,652	28,600	33,356	6,564	68,520	2.35	.60
1928	2,944	11,207	11,793	25,944	30,367	32,814	6,718	69,899	2.41	.61
1929	3,012	10,932	11,046	24,990	33,347	33,808	6,843	73,998	2.39	.61
1930	2,986	11,207	10,647	24,840	34,497	33,974	6,847	75,318	2.07	.53
1931	2,997	11,913	11,061	25,971	34,614	35,468	6,976	77,058	1.60	.41
1932	2,859	12,507	11,820	27,186	33,501	36,095	7,028	76,624	1.24	.32
1933	2,878	12,784	11,798	27,460	33,705	36,524	7,073	77,302	1.26	.32
1934	2,688	12,773	11,343	26,804	33,869	33,867	7,081	74,817	1.49	.38
1935	2,676	12,410	10,931	26,017	35,647	32,564	6,977	75,188	1.69	.43
1936	2,755	12,077	10,163	24,995	38,777	31,904	6,734	77,415	1.86	.47
1937	2,724	11,955	9,548	24,227	40,470	30,644	6,567	77,681	1.92	.49
1938	2,850	11,950	9,173	23,973	42,657	32,728	6,449	81,834	1.66	.42
1939	2,967	12,167	8,653	23,787	43,801	32,987	6,217	83,005	1.59	.40
1940	2,994	12,063	8,129	23,186	47,152	32,965	6,109	86,226	1.74	.44
1941	3,124	12,020	7,967	23,111	52,062	33,967	5,948	91,977	2.04	.51
1942	3,294	11,856	7,365	22,515	59,076	31,080	5,862	96,018	2.40	.60
1943	3,276	11,615	6,860	21,751	59,656	29,871	5,739	95,266	2.89	.73
1944	3,258	11,688	6,621	21,567	63,680	26,026	5,750	95,456	3.02	.76
1945	3,290	11,451	6,714	21,455	68,929	23,868	5,576	98,373	3.04	.76
1946	3,228	11,562	6,557	21,347	69,619	21,379	5,352	96,350	3.81	.96
1947	3,194	11,048	6,154	20,396	70,559	20,952	4,907	96,418	4.12	1.04
1948	3,064	10,505	5,808	19,377	69,010	19,712	4,572	93,294	4.66	1.17
1949	3,163	10,027	5,440	18,630	73,290	19,949	4,234	97,473	3.81	.96
1950	3,286	9,808	5,160	18,254	74,205	20,208	3,935	98,348	3.75	.95
1951	3,450	9,790	4,910	18,150	74,172	18,715	3,804	96,691	4.40	1.12
1952 <sup>3/</sup>	3,349	9,546	4,514	17,409	76,936	17,201	3,651	97,788	4.67	1.19
1953 <sup>4/</sup>	3,337	9,269	4,367	16,973	83,605	17,157	3,484	104,246	4.19	1.07

<sup>1/</sup> Approximations based on health officers' reports of sources of fluid milk in villages, towns, and small cities, and information on sales by producer-distributors.

<sup>2/</sup> Computed from the cash receipts from marketings of all milk and cream divided by the quantity of milk or milkfat represented in the marketings. For 1950 and earlier years returns from sale of farm-churned butter were also included.

<sup>3/</sup> Revised.

<sup>4/</sup> Preliminary.

Table 5.-Milk and cream marketed by farmers: Quantity, price, and cash receipts, United States, 1924-53

Year	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk and cream retailed by farmers			Cash receipts from marketings of all milk and cream 1/
	Quantity sold	Price per 100 pounds	Re-ceipts from sales	Quantity milkfat sold	Price per pound fat	Re-ceipts from sales	Quantity sold, milk equiv.	Price per quart	Re-ceipts from sales	
	<u>Mill.</u> <u>lb.</u>	<u>Dol.</u>	<u>1,000</u> <u>dol.</u>	<u>1,000</u> <u>lb.</u>	<u>Ct.</u>	<u>1,000</u> <u>dol.</u>	<u>Mill.</u> <u>qt.</u>	<u>Ct.</u>	<u>1,000</u> <u>dol.</u>	<u>1,000</u> <u>dol.</u>
1924	25,907	2.22	573,997	1,102,700	40.4	445,124	2,858	11.1	316,934	1,405,662
1925	26,830	2.38	638,137	1,141,700	42.4	483,821	2,914	11.2	325,551	1,514,725
1926	27,707	2.38	660,730	1,207,400	41.6	502,578	2,975	11.3	336,500	1,566,098
1927	28,600	2.51	717,841	1,255,010	44.5	559,005	3,053	11.3	343,781	1,685,156
1928	30,367	2.52	766,410	1,233,730	46.1	569,341	3,123	11.5	358,224	1,755,727
1929	33,347	2.53	842,182	1,271,120	45.2	574,259	3,188	11.5	365,056	1,838,489
1930	34,497	2.21	764,095	1,275,870	34.5	440,152	3,189	11.3	359,075	1,607,441
1931	34,614	1.69	584,488	1,332,560	24.8	329,863	3,244	10.1	329,063	1,276,735
1932	33,501	1.28	427,334	1,356,200	17.9	242,708	3,269	8.9	289,607	986,370
1933	33,705	1.30	439,179	1,371,050	18.8	257,549	3,288	8.6	282,945	1,004,206
1934	33,869	1.55	523,497	1,272,220	22.7	288,951	3,293	9.4	308,433	1,145,517
1935	35,647	1.74	620,951	1,223,560	28.1	343,457	3,243	9.8	318,030	1,310,204
1936	38,777	1.93	748,218	1,197,170	32.2	385,997	3,135	10.1	316,685	1,477,882
1937	40,470	1.97	796,068	1,151,270	33.3	382,801	3,056	10.5	320,354	1,524,771
1938	42,657	1.72	733,221	1,229,860	26.3	322,893	2,997	10.3	309,811	1,387,926
1939	43,801	1.68	734,703	1,237,940	23.9	295,456	2,890	10.3	296,250	1,345,522
1940	47,152	1.82	858,445	1,247,130	28.0	349,733	2,845	10.3	294,317	1,521,352
1941	52,062	2.19	1,140,628	1,284,890	34.2	439,769	2,768	10.8	298,754	1,899,836
1942	59,076	2.58	1,521,248	1,173,950	39.6	464,975	2,728	11.8	322,015	2,329,751
1943	59,556	3.12	1,859,540	1,127,200	49.9	562,028	2,669	12.7	340,266	2,785,193
1944	63,680	3.21	2,044,059	983,370	50.3	494,795	2,676	13.2	353,802	2,915,119
1945	68,929	3.19	2,195,915	903,020	50.3	453,942	2,595	13.4	347,408	3,021,266
1946	69,619	3.99	2,780,034	806,070	64.3	518,133	2,493	15.2	379,580	3,708,992
1947	70,559	4.27	3,014,759	791,730	71.8	568,620	2,285	17.5	399,022	4,012,554
1948	69,010	4.88	3,364,385	744,220	79.9	594,475	2,130	18.8	401,291	4,389,357
1949	73,290	3.95	2,895,535	752,830	61.6	463,965	1,971	18.6	365,717	3,748,325
1950	74,205	3.89	2,886,496	762,030	62.0	472,226	1,832	18.5	339,372	3,718,685
1951	74,172	4.58	3,396,752	704,390	71.1	500,913	1,768	19.9	352,263	4,249,928
1952 <sup>2/</sup>	76,936	4.85	3,729,452	646,850	74.9	484,294	1,697	20.8	352,707	4,566,453
1953 <sup>3/</sup>	83,605	4.32	3,608,989	645,280	65.8	424,502	1,619	20.8	336,934	4,370,425

1/ For 1950 and earlier years includes also cash receipts from farm-churned butter sold. In 1950 receipts from farm-churned butter totaled 20,591 thousand dollars, about one-half of 1 percent of cash receipts from combined sales of milk, cream, and farm butter. Data on receipts from farm butter sold 1924-50 are included in table 3 of "Farm Production, Disposition, and Income From Milk, 1950-51".

2/ Revised.

3/ Preliminary.



Table 6.-Farm production and value of milk, by States, 1952 6/

State and Division	Number of milk cows on farms  1/	Production of milk and milkfat					Butter churned on farms	Value of milk used for farm consumption and farm butter 3/	Gross farm income from dairy products 4/	Farm value of milk produced 5/
		Production per milk cow 2/		Percent- age of fat in milk	Total production on farms 2/					
		Milk	Milkfat		Milk	Milkfat				
	1,000	Pounds	Pounds	Percent	Mil.lb.	Mil.lb.	1,000 lb.	1,000 dol.	1,000 dol.	1,000 dol.
Maine	110	5,650	234	4.15	622	26	2,100	5,875	38,140	38,875
N. H.	60	5,750	224	3.9	345	13	450	1,753	21,221	21,597
Vt.	258	5,900	239	4.05	1,522	62	450	3,239	79,076	80,818
Mass.	119	6,580	257	3.9	783	31	300	2,221	51,838	52,696
R. I.	19	7,100	277	3.9	135	5	20	214	9,510	9,652
Conn.	108	6,450	245	3.8	697	26	220	1,952	45,943	46,908
N. Y.	1,310	6,840	250	3.65	8,960	327	2,500	16,567	420,803	432,768
N. J.	153	7,440	283	3.8	1,138	43	240	2,612	69,679	70,784
Pa.	899	6,380	242	3.8	5,736	218	4,500	22,610	297,997	305,155
N. A.	3,036	6,567	247.4	3.77	19,938	751	10,780	57,043	1,034,207	1,059,253
Ohio	929	5,800	232	4.0	5,388	216	3,100	22,390	256,844	264,551
Ind.	636	5,670	235	4.15	3,606	150	1,500	13,344	160,964	164,794
Ill.	856	5,800	220	3.80	4,965	189	2,500	19,400	210,526	215,481
Mich.	842	6,470	246	3.8	5,448	207	2,200	17,209	230,161	239,167
Wis.	2,207	6,920	256	3.7	15,272	565	450	17,177	596,992	623,098
N. C. E.	5,470	6,340	242.6	3.83	34,679	1,327	9,750	89,520	1,455,487	1,507,091
Minn.	1,313	6,160	222	3.6	8,088	291	1,000	13,436	273,737	282,271
Iowa	1,059	5,360	201	3.75	5,676	213	3,000	16,947	182,167	187,876
Mo.	942	4,240	180	4.25	3,994	170	6,700	23,986	173,429	177,733
N. Dak.	369	4,670	175	3.75	1,783	65	3,600	6,780	49,760	51,690
S. Dak.	311	4,170	156	3.75	1,297	49	2,100	5,302	37,969	39,299
Nebr.	431	4,880	185	3.8	2,103	80	3,700	9,581	66,093	68,768
Kans.	533	4,370	173	3.95	2,329	92	3,100	13,283	87,489	91,530
N. C. W.	4,958	5,085	193.6	3.81	25,210	960	23,200	89,315	870,644	899,167
Del.	37	5,350	209	3.9	198	8	140	792	10,986	11,207
Md.	233	5,620	219	3.9	1,309	51	1,100	5,180	74,681	76,184
Va.	424	4,480	188	4.2	1,900	80	11,700	29,146	101,423	104,880
W. Va.	205	3,850	164	4.25	789	34	5,200	16,148	42,101	43,632
N. C.	367	4,400	194	4.4	1,615	71	19,500	48,070	100,242	102,552
S. C.	153	3,760	165	4.4	575	25	8,600	21,392	39,901	40,595
Ga.	338	3,480	153	4.4	1,176	52	16,600	38,850	80,827	82,320
Fla.	140	4,350	183	4.2	609	26	1,400	4,538	44,238	44,579
S. A.	1,897	4,307	182.9	4.25	8,171	347	64,240	164,116	494,399	505,949
Ky.	598	3,900	170	4.35	2,332	101	11,500	31,262	106,792	109,138
Tenn.	637	3,630	162	4.45	2,312	103	16,500	36,778	112,872	114,906
Ala.	384	3,400	151	4.45	1,306	58	25,000	50,425	79,872	81,103
Miss.	524	2,670	119	4.45	1,399	62	16,300	34,507	77,567	78,624
Ark.	400	3,040	135	4.45	1,216	54	11,500	23,128	58,794	59,584
La.	307	2,500	110	4.4	768	34	4,200	18,618	52,072	52,762
Okla.	497	3,520	148	4.2	1,749	73	6,700	19,651	79,510	82,028
Tex.	961	3,290	145	4.4	3,162	139	18,300	65,128	213,582	217,229
S. C.	4,308	3,306	144.8	4.38	14,244	624	110,000	279,497	781,061	795,374
Mont.	103	4,980	192	3.85	513	20	1,400	3,582	19,623	20,417
Idaho	189	6,300	243	3.85	1,191	46	750	4,294	48,414	50,141
Wyo.	43	5,170	189	3.65	222	8	630	1,870	9,272	9,657
Colo.	160	5,400	205	3.8	864	33	1,270	5,085	37,291	38,880
N. Mex.	50	4,200	174	4.15	210	9	650	4,127	14,764	15,204
Ariz.	47	5,900	221	3.75	277	10	300	1,497	17,587	18,033
Utah	101	6,550	246	3.75	662	25	650	3,203	30,110	31,180
Nev.	13	6,300	230	3.65	82	3	140	511	4,484	4,658
Wash.	245	6,850	291	4.25	1,678	71	2,000	8,854	85,101	88,431
Oreg.	202	5,850	263	4.5	1,182	53	1,350	7,854	63,788	66,310
Calif.	793	7,660	299	3.9	6,074	237	1,900	9,413	330,002	338,322
West.	1,946	6,657	264.6	3.98	12,955	515	11,040	50,290	660,436	681,233
U. S.	21,615	5,329	209.3	3.93	115,197	4,524	229,010	729,781	5,296,234	5,448,067

1/ Average number during year, heifers that have not freshened excluded.

2/ Excludes milk sucked by calves and milk produced by cows not on farms.

3/ Milk used for fluid consumption and home-made butter on farms where produced, valued at average per unit returns for milk utilized in all forms of sale.

4/ Cash receipts from marketings of milk and cream as shown in table 8 plus value of milk used for farm consumption and farm butter churned.

5/ Gross farm income plus value of milk fed to calves. 6/ Revised.

Table 7.-Milk used and marketed by farmers, and cash returns per unit marketed, by States, 1952 3/

State and Division	Milk used on farms where produced				Milk marketed by farmers				Average per unit cash returns from combined milk and cream marketings 2/	
	Fed to calves	Consumed as fluid milk or cream	Used for farm-churned butter	Total utilized on farms	Delivered to plants and dealers		Retailled by farmers as milk and cream 1/	Total in combined milk and cream marketings	Per 100 lb. milk	Per lb. milkfat
					As whole milk	As farm-skimmed cream				
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Dol.	Dol.
Maine	12	52	42	106	440	4	72	516	6.25	1.51
N. H.	6	19	9	34	270	2	39	311	6.26	1.61
Vt.	32	52	9	93	1,390	4	35	1,429	5.31	1.31
Mass.	13	27	6	46	625	-	112	737	6.73	1.73
R. I.	2	3	-	5	112	-	18	130	7.15	1.83
Conn.	14	24	5	43	594	-	60	654	6.73	1.77
N. Y.	251	288	55	594	8,100	54	212	8,366	4.83	1.32
N. J.	18	37	5	60	976	-	102	1,078	6.22	1.64
Pa.	132	328	97	557	4,860	130	189	5,179	5.32	1.40
N. A.	480	830	228	1,538	17,367	194	839	18,400	5.31	1.41
Ohio	155	394	62	611	4,300	330	147	4,777	4.91	1.23
Ind.	83	263	29	375	2,800	380	51	3,231	4.57	1.10
Ill.	118	393	54	565	3,680	590	130	4,400	4.34	1.14
Mich.	207	345	47	599	4,140	670	39	4,849	4.39	1.16
Wis.	630	411	10	1,051	13,850	305	66	14,221	4.08	1.10
N. C. E.	1,193	1,806	202	3,201	28,770	2,275	433	31,478	4.34	1.13
Minn.	249	362	23	634	4,290	3,110	54	7,454	3.49	.97
Iowa	176	444	68	688	1,150	3,775	63	4,988	3.31	.88
Mo.	100	405	134	639	2,510	750	95	3,355	4.45	1.05
N. Dak.	65	145	81	291	95	1,311	26	1,432	3.00	.80
S. Dak.	44	128	47	219	115	930	33	1,078	3.03	.81
Nebr.	80	209	84	373	380	1,295	55	1,730	3.27	.86
Kans.	101	271	67	439	840	970	80	1,890	3.93	.99
N. C. W.	815	1,964	504	3,283	9,380	12,141	406	21,927	3.56	.93
Del.	4	11	3	18	170	-	10	180	5.66	1.45
Md.	25	65	24	114	1,130	12	53	1,195	5.82	1.49
Va.	63	294	234	591	1,080	160	69	1,309	5.52	1.31
W. Va.	28	188	104	320	280	102	87	469	5.53	1.30
N. C.	36	385	372	793	685	11	126	822	6.35	1.44
S. C.	10	139	164	313	195	4	63	262	7.06	1.60
Ga.	21	238	317	576	490	16	94	600	7.00	1.59
Fla.	5	35	27	67	470	-	72	542	7.32	1.74
S. A.	192	1,355	1,245	2,792	4,500	305	574	5,379	6.14	1.44
Ky.	49	444	224	717	1,230	275	110	1,615	4.68	1.08
Tenn.	42	425	315	782	1,340	120	70	1,530	4.97	1.12
Ala.	20	344	468	832	385	20	69	474	6.21	1.40
Miss.	19	303	311	633	635	21	60	766	5.62	1.26
Ark.	16	252	220	488	480	180	68	728	4.90	1.10
La.	10	191	80	281	445	2	40	487	6.87	1.56
Okla.	54	285	134	473	740	460	76	1,276	4.69	1.12
Tex.	54	598	350	1,002	1,810	160	190	2,160	6.87	1.56
S. C.	264	2,842	2,102	5,208	7,115	1,238	683	9,036	5.55	1.27
Mont.	20	59	31	110	165	208	30	403	3.98	1.03
Idaho	41	86	16	143	925	90	33	1,048	4.21	1.09
Wyo.	9	29	14	52	96	60	14	170	4.35	1.19
Colo.	36	84	29	149	400	277	38	715	4.50	1.18
N. Mex.	6	44	13	63	100	15	32	147	7.24	1.74
Ariz.	7	16	7	30	210	5	32	247	6.51	1.74
Utah	23	54	14	91	530	22	19	571	4.71	1.26
Nev.	3	6	3	12	48	12	10	70	5.68	1.56
Wash.	64	128	40	232	1,190	165	91	1,446	5.27	1.24
Oreg.	45	114	26	185	805	143	49	997	5.61	1.25
Calif.	151	129	40	320	5,335	51	368	5,754	5.57	1.43
West.	405	749	233	1,387	9,804	1,048	716	11,568	5.27	1.32
U. S.	3,349	9,546	4,514	17,409	76,936	17,201	3,651	97,788	4.67	1.19

1/ Approximations based on health officers' reports of sources of fluid milk in villages, towns, and small cities, and information on sales by producer-distributors.

2/ Computed from the cash receipts from marketings of all milk and cream divided by the quantity of milk or milkfat represented in the marketings.

3/ Revised.



Table 3.-Milk and cream marketed by farmers: Quantity, price, and cash receipts, by States, 1952 1/

State and Division	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk and cream retailed by farmers			Cash receipts from marketings of all milk and cream
	Quantity sold	Price per 100 lb.	Receipts from sales	Quantity milkfat sold	Price per lb. fat	Receipts from sales	Quantity sold, milk equiv.	Price per quart	Receipts from sales	
	Mil. lb.	Dol.	1,000 dol.	1,000 lb.	Ct.	1,000 dol.	Mil. qt.	Ct.	1,000 dol.	1,000 dol.
Maine	440	5.66	24,904	170	79	134	33	21.9	7,227	32,265
N. H.	270	5.72	15,444	80	80	64	18	22.0	3,960	19,468
Vt.	1,390	5.21	72,419	170	81	138	16	20.5	3,280	75,837
Mass.	625	6.10	38,125	-	-	-	52	22.1	11,492	49,617
R. I.	112	6.70	7,504	-	-	-	8	22.4	1,792	9,296
Conn.	594	6.35	37,719	-	-	-	28	22.4	6,272	43,991
N. Y.	8,100	4.74	383,940	2,010	69	1,387	99	19.1	18,909	404,236
N. J.	976	5.74	56,022	-	-	-	47	23.5	11,045	67,067
Pa.	4,860	5.19	252,234	4,970	71	3,529	88	22.3	19,624	275,387
N. A.	17,367	5.11	888,311	7,400	71.0	5,252	389	21.5	83,601	977,164
Ohio	4,300	4.91	211,130	13,200	68	8,976	68	21.1	14,348	234,454
Ind.	2,800	4.72	132,160	15,500	68	10,540	24	20.5	4,920	147,620
Ill.	3,680	4.46	164,128	22,540	70	15,778	60	18.7	11,220	191,126
Mich.	4,140	4.58	189,612	25,800	77	19,866	18	19.3	3,474	212,952
Wis.	13,850	4.08	565,080	11,250	80	9,000	31	18.5	5,735	579,815
N. C. E.	28,770	4.39	1,262,110	88,290	72.7	64,160	201	19.7	39,697	1,365,967
Minn.	4,290	3.88	166,452	110,400	81	89,424	25	17.7	4,425	260,301
Iowa	1,150	4.21	48,415	139,300	80	111,440	29	18.5	5,365	165,220
Mo.	2,510	4.79	120,229	31,120	68	21,162	44	18.3	8,052	149,443
N. Dak.	95	4.21	4,000	47,850	77	36,844	12	17.8	2,136	42,980
S. Dak.	115	4.34	4,991	33,670	74	24,916	15	18.4	2,760	32,667
Nebr.	380	4.57	17,366	47,400	72	34,128	26	19.3	5,018	56,512
Kans.	840	4.87	40,908	37,050	70	25,935	37	19.9	7,363	74,206
N. C. W.	9,380	4.29	402,361	446,790	77.0	343,849	188	18.7	35,119	781,329
Del.	170	5.37	9,129	-	-	-	5	21.3	1,065	10,194
Md.	1,130	5.65	63,845	460	61	281	25	21.5	5,375	69,501
Va.	1,080	5.71	61,668	6,480	61	3,953	32	20.8	6,656	72,277
W. Va.	280	5.46	15,288	4,100	65	2,665	40	20.0	8,000	25,953
N. C.	685	5.75	39,388	460	60	276	59	21.2	12,508	52,172
S. C.	195	6.23	12,148	170	57	97	29	21.6	6,264	18,509
Ga.	490	6.44	31,556	670	58	389	44	22.8	10,032	41,977
Fla.	470	6.86	32,242	-	-	-	33	22.6	7,458	39,700
S. A.	4,500	5.89	265,264	12,340	62.1	7,661	267	21.5	57,358	330,283
Ky.	1,230	4.78	58,794	11,550	61	7,046	51	19.0	9,690	75,530
Tenn.	1,340	4.98	66,732	5,040	62	3,125	33	18.9	6,237	76,094
Ala.	385	5.87	22,600	840	57	479	32	19.9	6,368	29,447
Miss.	685	5.37	36,784	910	62	564	28	20.4	5,712	43,060
Ark.	480	5.16	24,768	7,560	65	4,914	32	18.7	5,984	35,666
La.	445	6.55	29,148	80	62	50	19	22.4	4,256	33,454
Okla.	740	5.42	40,108	18,770	67	12,576	35	20.5	7,175	59,859
Tex.	1,810	6.89	124,709	6,820	63	4,297	88	22.1	19,448	148,454
S. C.	7,115	5.67	403,643	51,570	64.1	33,051	318	20.4	64,870	501,564
Mont.	165	4.49	7,408	7,740	75	5,805	14	20.2	2,828	16,041
Idaho	925	4.18	38,665	3,460	74	2,560	15	19.3	2,895	44,120
Wyo.	96	4.49	4,310	2,230	74	1,650	7	20.6	1,442	7,402
Colo.	400	5.24	20,960	10,030	73	7,322	18	21.8	3,924	32,206
N. Mex.	100	7.04	7,040	600	72	432	15	21.1	3,165	10,637
Ariz.	210	6.08	12,768	190	75	142	15	21.2	3,180	16,090
Utah	530	4.65	24,645	820	75	615	9	18.3	1,647	26,907
Nev.	48	5.27	2,530	440	78	343	5	22.0	1,100	3,973
Wash.	1,190	5.23	62,237	6,730	74	4,980	42	21.5	9,030	76,247
Oreg.	805	5.72	46,046	6,190	78	4,828	23	22.0	5,060	55,934
Calif.	5,335	5.27	281,154	2,030	81	1,644	171	22.1	37,791	320,589
West.	9,804	5.18	507,763	40,460	74.9	30,321	334	21.6	72,062	610,146
U. S.	76,936	4.85	3,729,452	646,850	74.9	484,294	1,697	20.8	352,707	4,566,453

1/ Revised.

Table 9.-Farm production and value of milk, by States, 1953 5/

State and Division	Number of milk cows on farms 1/	Production of milk and milkfat					Butter churned on farms	Value of milk used for farm consumption and farm butter 3/	Gross farm income from dairy products 4/	Farm value of milk produced 5/
		Production per milk cow 2/		Percent- age of fat in milk	Total production on farms 2/					
		Milk	Milkfat		Milk	Milkfat				
	1,000	Pounds	Pounds	Percent	Mil. lb.	Mil. lb.	1,000 lb.	1,000 dol.	1,000 dol.	1,000 dol.
Maine	116	5,870	244	4.15	681	28	2,300	5,762	38,896	39,634
N. H.	63	6,000	234	3.9	378	15	430	1,644	21,034	21,433
Vt.	275	6,050	245	4.05	1,664	67	450	2,889	75,841	77,542
Mass.	122	6,700	258	3.85	817	31	300	2,101	49,657	50,491
R. I.	20	7,300	281	3.85	146	6	20	267	9,541	9,738
Conn.	110	6,600	248	3.75	726	27	200	1,775	45,162	46,028
N. Y.	1,354	6,900	252	3.65	9,343	341	2,200	14,300	400,591	411,092
N. J.	155	7,420	282	3.8	1,150	44	250	2,348	66,539	67,505
Pa.	930	6,420	244	3.8	5,971	227	4,500	20,050	291,761	298,550
N. A.	3,145	6,638	249.9	3.77	20,876	786	10,650	51,136	999,022	1,022,013
Ohio	953	5,990	237	3.95	5,708	225	3,300	18,147	237,521	244,302
Ind.	650	5,820	239	4.10	3,783	155	1,500	10,466	145,148	148,294
Ill.	874	5,940	226	3.80	5,192	197	2,500	15,872	191,458	195,738
Mich.	866	6,500	247	3.8	5,629	214	2,000	14,093	207,918	216,154
Wis.	2,268	7,050	257	3.65	15,989	584	470	14,022	546,006	567,610
N. C. E.	5,611	6,470	245.1	3.79	36,301	1,375	9,770	72,600	1,328,051	1,372,098
Minn.	1,370	6,270	226	3.6	8,590	309	700	11,092	264,289	271,444
Iowa	1,074	5,520	207	3.75	5,928	222	2,600	14,036	171,143	176,654
Mo.	974	4,310	183	4.25	4,198	178	6,100	19,448	152,929	157,005
N. Dak.	379	4,700	176	3.75	1,781	67	3,400	5,628	45,933	47,731
S. Dak.	314	4,360	164	3.75	1,369	51	1,900	4,644	35,705	36,963
Nebr.	434	5,030	191	3.8	2,183	83	3,600	7,975	60,867	63,307
Kans.	529	4,650	184	3.95	2,460	97	3,000	10,956	78,482	81,918
N. C. W.	5,074	5,224	198.5	3.80	26,509	1,007	21,300	73,779	809,348	835,022
Del.	39	5,350	209	3.9	209	8	140	680	10,713	10,931
Md.	244	5,700	222	3.9	1,391	54	1,100	4,584	72,775	74,140
Va.	434	4,660	196	4.2	2,022	85	11,200	26,832	100,931	104,335
W. Va.	209	3,840	163	4.25	803	34	4,900	14,326	39,389	40,792
N. C.	382	4,490	198	4.4	1,715	75	18,900	45,722	101,931	104,272
S. C.	158	3,770	166	4.4	596	26	8,200	20,385	39,547	40,230
Ga.	348	3,500	154	4.4	1,218	54	16,400	37,838	81,663	83,189
Fla.	146	4,370	184	4.2	638	27	1,200	4,183	47,217	47,659
S. A.	1,960	4,384	185.2	4.22	8,592	363	62,040	154,550	494,166	505,548
Ky.	625	3,950	172	4.35	2,469	107	10,300	25,700	98,287	100,241
Tenn.	668	3,730	166	4.45	2,492	111	16,100	31,017	103,340	105,162
Ala.	405	3,400	151	4.45	1,377	61	24,600	48,887	79,890	81,105
Miss.	548	2,790	124	4.45	1,529	68	16,000	30,862	75,490	76,603
Ark.	420	3,100	138	4.45	1,302	58	11,700	20,998	56,893	57,679
La.	325	2,480	109	4.4	806	35	4,200	17,985	51,968	52,712
Okla.	500	3,760	158	4.2	1,880	79	6,400	17,340	74,409	76,704
Tex.	962	3,390	147	4.35	3,261	142	18,300	57,381	198,677	201,856
S. C.	4,453	3,395	148.4	4.37	15,116	661	107,600	250,170	738,954	752,062
Mont.	103	5,140	198	3.85	529	20	1,300	3,254	18,985	19,785
Idaho	210	6,440	248	3.85	1,352	52	650	3,497	48,631	50,294
Wyo.	42	5,130	187	3.65	215	8	550	1,603	8,504	8,836
Colo.	164	5,430	204	3.75	891	33	1,200	4,357	35,130	36,620
N. Mex.	49	4,450	185	4.15	218	9	580	3,636	14,008	14,410
Ariz.	48	6,100	229	3.75	293	11	300	1,483	17,606	18,107
Utah	105	6,600	244	3.70	693	26	650	2,545	27,047	27,997
Nev.	14	6,200	226	3.65	87	3	140	494	4,610	4,776
Wash.	255	6,920	294	4.25	1,765	75	1,900	7,441	79,555	82,602
Oreg.	207	5,940	267	4.5	1,230	55	1,250	7,162	61,479	63,837
Calif.	816	8,030	309	3.85	6,552	252	1,800	8,153	331,189	338,083
West	2,013	6,868	270.2	3.93	13,825	544	10,320	43,625	646,744	665,347
U. S.	22,256	5,447	212.8	3.91	121,219	4,736	221,680	645,860	5,016,285	5,152,090

1/ Average number during year, heifers that have not freshened excluded.

2/ Excludes milk sucked by calves and milk produced by cows not on farms.

3/ Milk used for fluid consumption and home-made butter on farms where produced, valued at average per unit returns for milk utilized in all forms of sale.

4/ Cash receipts from marketings of milk and cream as shown in table 11 plus value of milk used for farm consumption and farm butter churned.

5/ Gross farm income plus value of milk fed to calves. 6/ Preliminary.



Table 10.—Milk used and marketed by farmers, and cash returns per unit marketed, by States, 1953 <sup>3/</sup>

State and Division	Milk used on farms where produced				Milk marketed by farmers				Average per unit cash returns from combined milk and cream marketings <sup>2/</sup>	
	Fed to calves	Consumed as fluid milk or cream	Used for farm-churned butter	Total utilized on farms	Delivered to plants and dealers		Retailed by farmers as milk and cream <sup>1/</sup>	Total in combined milk and cream marketings	Per 100 lb. milk	Per lb. milkfat
					As whole milk	As farm-skimmed cream				
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Dol.	Dol.
Maine	13	53	46	112	490	4	75	569	5.82	1.40
N. H.	7	20	9	36	302	1	39	342	5.67	1.45
Vt.	35	53	9	97	1,530	4	33	1,567	4.66	1.15
Mass.	14	28	6	48	660	-	109	769	6.18	1.61
R. I.	3	4	-	7	121	-	18	139	6.67	1.73
Conn.	14	24	4	42	625	-	59	684	6.34	1.69
N. Y.	234	276	49	559	8,530	59	195	8,784	4.40	1.21
N. J.	17	35	5	57	1,000	-	93	1,093	5.87	1.54
Pa.	137	304	97	538	5,130	135	168	5,433	5.00	1.32
N. A.	474	797	225	1,496	18,368	203	789	19,380	4.89	1.30
Ohio	160	358	66	584	4,670	310	144	5,124	4.28	1.08
Ind.	83	238	29	350	3,000	385	48	3,433	3.92	.96
Ill.	114	367	54	535	3,960	570	127	4,657	3.77	.99
Mich.	208	324	43	575	4,370	650	34	5,054	3.84	1.01
Wis.	624	384	11	1,019	14,640	270	60	14,970	3.55	.97
N. C. E.	1,189	1,671	203	3,063	30,640	2,185	413	33,238	3.78	1.00
Minn.	215	335	16	566	5,170	2,802	52	8,024	3.16	.88
Iowa	184	412	59	655	1,300	3,913	60	5,273	2.98	.79
Mo.	105	398	122	625	2,730	750	93	3,573	3.74	.88
N. Dak.	66	133	77	276	105	1,375	25	1,505	2.68	.71
S. Dak.	47	129	43	219	125	995	30	1,150	2.70	.72
Nebr.	81	194	81	356	420	1,355	52	1,827	2.90	.76
Kans.	106	265	64	435	900	1,050	75	2,025	3.33	.84
N. C. W.	804	1,866	462	3,132	10,750	12,240	387	23,377	3.15	.83
Del.	4	10	3	17	182	-	10	192	5.23	1.34
Md.	26	62	24	112	1,220	10	49	1,279	5.33	1.37
Va.	65	296	224	585	1,205	166	66	1,437	5.16	1.23
W. Va.	28	184	98	310	310	100	83	493	5.08	1.20
N. C.	38	391	361	790	790	10	125	925	6.08	1.38
S. C.	10	145	157	312	220	3	61	284	6.75	1.53
Ga.	22	241	313	576	540	13	89	642	6.83	1.55
Fla.	6	33	23	62	510	-	66	576	7.47	1.78
S. A.	199	1,362	1,203	2,764	4,977	302	549	5,828	5.83	1.38
Ky.	49	432	201	682	1,430	250	107	1,787	4.06	.93
Tenn.	42	427	308	777	1,540	110	65	1,715	4.22	.95
Ala.	21	370	460	851	442	16	68	526	5.89	1.32
Miss.	23	310	306	639	805	25	60	890	5.01	1.13
Ark.	18	251	223	492	570	175	65	810	4.43	1.00
La.	11	195	80	286	480	2	38	520	6.54	1.49
Okla.	56	297	128	481	860	465	74	1,399	4.08	.97
Tex.	52	577	350	979	1,950	150	182	2,282	6.19	1.42
S. C.	272	2,859	2,056	5,187	8,077	1,193	659	9,929	4.92	1.13
Mont.	21	58	29	108	180	213	28	421	3.74	.97
Idaho	45	80	14	139	1,100	85	28	1,213	3.72	.97
Wyo.	8	27	12	47	100	55	13	168	4.11	1.13
Colo.	36	79	27	142	440	274	35	749	4.11	1.10
N. Mex.	6	43	12	61	110	15	32	157	6.61	1.59
Ariz.	8	17	7	32	225	5	31	261	6.18	1.65
Utah	23	49	14	86	570	21	16	607	4.04	1.09
Nev.	3	6	3	12	53	12	10	75	5.49	1.50
Wash.	65	121	38	224	1,290	165	86	1,541	4.68	1.10
Oreg.	46	114	24	184	855	143	48	1,046	5.19	1.15
Calif.	138	120	38	296	5,850	46	360	6,256	5.16	1.34
West	399	714	218	1,331	10,773	1,034	687	12,494	4.83	1.23
U. S.	3,337	9,269	4,367	16,973	83,605	17,157	3,484	104,246	4.19	1.07

<sup>1/</sup> Approximations based on health officers' reports of sources of fluid milk in villages, towns, and small cities, and information on sales by producer-distributors.

<sup>2/</sup> Computed from the cash receipts from marketings of all milk and cream divided by the quantity of milk or milkfat represented in the marketings.

<sup>3/</sup> Preliminary.

Table 11.-Milk and cream marketed by farmers: Quantity, price, and cash receipts, by States, 1953 1/

State and Division	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk and cream retailed by farmers			Cash receipts from marketings of all milk and cream
	Quantity sold	Price per 100 lb.	Receipts from sales	Quantity milkfat sold	Price per lb. fat	Receipts from sales	Quantity sold, milk equiv.	Price per quart	Receipts from sales	
	<u>Mil. lb.</u>	<u>Dol.</u>	<u>1,000 dol.</u>	<u>1,000 lb.</u>	<u>Ct.</u>	<u>1,000 dol.</u>	<u>Mil. qt.</u>	<u>Ct.</u>	<u>1,000 dol.</u>	<u>1,000 dol.</u>
Maine	490	5.18	25,382	170	72	122	35	21.8	7,630	33,134
N. H.	302	5.10	15,402	40	71	28	18	22.0	3,960	19,390
Vt.	1,530	4.56	69,768	170	73	124	15	20.4	3,060	72,952
Mass.	660	5.49	36,234	-	-	-	51	22.2	11,322	47,556
R. I.	121	6.21	7,514	-	-	-	8	22.0	1,760	9,274
Conn.	625	5.97	37,312	-	-	-	27	22.5	6,075	43,387
N. Y.	8,530	4.31	367,643	2,190	62	1,358	91	19.0	17,290	386,291
N. J.	1,000	5.40	54,000	-	-	-	43	23.7	10,191	64,191
Pa.	5,130	4.89	250,857	5,160	61	3,148	78	22.7	17,706	271,711
N. A.	18,388	4.70	864,112	7,730	61.8	4,780	366	21.6	78,994	947,886
Ohio	4,670	4.24	198,008	12,400	61	7,564	67	20.6	13,802	219,374
Ind.	3,000	4.03	120,900	15,710	60	9,426	22	19.8	4,356	134,682
Ill.	3,960	3.83	151,668	21,770	60	13,062	59	18.4	10,856	175,586
Mich.	4,370	3.97	173,489	25,020	69	17,264	16	19.2	3,072	193,825
Wis.	14,640	3.55	519,720	9,960	70	6,972	28	18.9	5,292	531,984
N. C. E.	30,640	3.80	1,163,785	84,860	64.0	54,288	192	19.5	37,378	1,255,451
Minn.	5,170	3.43	177,331	99,470	72	71,618	24	17.7	4,248	253,197
Iowa	1,300	3.79	49,270	144,390	71	102,517	28	19.0	5,320	157,107
Mo.	2,730	3.94	107,562	31,120	58	18,050	43	18.3	7,869	133,481
N. Dak.	105	3.87	4,064	50,190	68	34,129	12	17.6	2,112	40,305
S. Dak.	125	4.08	5,100	36,020	65	23,413	14	18.2	2,548	31,061
Nebr.	420	4.17	17,514	49,590	62	30,746	24	19.3	4,632	52,892
Kans.	900	4.09	36,810	40,110	60	24,066	35	19.0	6,650	67,526
N. C. W.	10,750	3.70	397,651	450,890	67.5	304,539	180	18.5	33,379	735,569
Del.	182	4.90	8,918	-	-	-	5	22.3	1,115	10,033
Md.	1,220	5.15	62,830	380	55	209	23	22.4	5,152	68,191
Va.	1,205	5.28	63,624	6,720	53	3,562	31	22.3	6,913	74,099
W. Va.	310	4.83	14,973	4,020	56	2,251	39	20.1	7,839	25,063
N. C.	790	5.50	43,450	420	55	231	58	21.6	12,528	56,209
S. C.	220	5.94	13,068	130	57	74	28	21.5	6,020	19,162
Ga.	540	6.32	34,128	550	56	308	41	22.9	9,389	43,825
Fla.	510	7.04	35,904	-	-	-	31	23.0	7,130	43,034
S. A.	4,977	5.56	276,895	12,220	54.3	6,635	256	21.9	56,086	339,616
Ky.	1,430	4.04	57,772	10,500	53	5,565	50	18.5	9,250	72,587
Tenn.	1,540	4.17	64,218	4,620	54	2,495	30	18.7	5,610	72,323
Ala.	442	5.47	24,177	670	54	362	32	20.2	6,464	31,003
Miss.	805	4.75	38,238	1,080	55	594	28	20.7	5,796	44,628
Ark.	570	4.56	25,992	7,350	58	4,263	30	18.8	5,640	35,895
La.	480	6.23	29,904	80	59	47	18	22.4	4,032	33,983
Okla.	860	4.55	39,130	18,970	58	11,003	34	20.4	6,936	57,069
Tex.	1,950	6.11	119,145	6,390	58	3,706	85	21.7	18,445	141,296
S. C.	8,077	4.93	398,576	49,660	56.5	28,035	307	20.3	62,173	488,784
Mont.	180	4.45	8,010	7,920	64	5,069	13	20.4	2,652	15,731
Idaho	1,100	3.69	40,590	3,270	65	2,126	13	18.6	2,418	45,134
Wyo.	100	4.33	4,330	2,050	66	1,353	6	20.3	1,218	6,901
Colo.	440	4.74	20,856	9,920	64	6,349	16	22.3	3,568	30,773
N. Mex.	110	6.20	6,820	600	62	372	15	21.2	3,180	10,372
Ariz.	225	5.80	13,050	190	70	133	14	21.0	2,940	16,123
Utah	570	3.99	22,743	780	64	499	7	18.0	1,260	24,502
Nev.	53	5.24	2,777	440	68	299	5	20.8	1,040	4,116
Wash.	1,290	4.60	59,340	6,730	65	4,374	40	21.0	8,400	72,114
Oreg.	855	5.28	45,144	6,190	70	4,333	22	22.0	4,840	54,317
Calif.	5,850	4.86	284,310	1,830	72	1,318	167	22.4	37,408	323,036
West.	10,773	4.72	507,970	39,920	65.7	26,225	318	21.7	68,924	603,119
U. S.	83,605	4.32	3,608,989	645,280	65.8	424,502	1,619	20.8	336,934	4,370,425

1/ Preliminary.



Table 12.- Production and Utilization of Milk, United States, 1924-33

	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933
M i l l i o n P o u n d s										
<b>Milk production</b>										
On farms.....	89,240	90,699	93,325	95,172	95,843	98,988	100,158	103,029	103,810	104,762
Total 1/.....	93,660	94,940	97,404	99,018	99,367	102,133	102,984	105,629	106,310	107,162
<b>Utilization (milk equivalent)</b>										
<b>Manufactured in plants</b>										
Creamery butter, total.....	28,946	29,756	30,745	32,150	31,376	33,365	33,064	34,431	35,009	36,457
From whey cream.....	331	352	329	324	336	353	360	352	345	385
Net.....	28,615	29,404	30,416	31,826	31,040	33,012	32,704	34,079	34,664	36,072
<b>Cheese</b>										
American.....	3,853	4,100	3,808	3,686	3,858	3,958	3,971	3,902	3,838	4,252
Other.....	920	972	924	988	986	1,094	1,186	1,142	1,113	1,268
<b>Canned milk</b>										
Evaporated.....	2,558	2,585	2,491	2,739	2,875	3,223	3,112	3,072	3,377	3,694
Sweetened condensed.....	412	411	341	355	306	321	267	213	155	119
<b>Bulk condensed milk</b>										
Unsweetened.....	202	277	212	247	218	372	312	269	234	213
Sweetened.....	103	97	121	86	84	112	136	99	92	89
<b>Dry whole milk.....</b>	60	68	81	87	73	101	118	96	91	97
<b>Frozen dairy products</b>										
Ice cream, total.....	2,999	3,428	3,404	3,630	3,708	4,138	3,820	3,396	2,523	2,416
Other 2/, total.....	-	-	-	-	-	-	-	-	7	6
Fat from other products 3/..	618	706	701	748	764	837	780	719	541	527
Net from milk and cream....	2,381	2,722	2,703	2,882	2,944	3,301	3,040	2,677	1,989	1,895
<b>Other factory products 4/.....</b>	68	62	71	77	84	85	88	76	60	60
<b>Total factory products 5/.....</b>	39,172	40,698	41,168	42,973	42,468	45,579	44,934	45,625	45,613	47,759
<b>Farm butter.....</b>	13,245	12,736	12,734	12,436	11,793	11,046	10,647	11,061	11,820	11,798
<b>Fluid consumption, farm 6/.....</b>	13,300	13,300	13,200	13,000	12,900	12,700	12,900	13,500	14,100	14,400
nonfarm.....	25,600	26,300	27,000	27,600	28,300	29,300	29,200	28,600	28,800	28,500
<b>Fed to calves.....</b>	2,742	2,784	2,858	2,901	2,944	3,012	2,986	2,997	2,859	2,878
<b>Exports and storage 7/.....</b>	-421	-528	-546	-474	-372	-301	-155	-151	87	2
<b>Other 8/.....</b>	22	-350	990	582	1,334	797	2,472	3,997	3,031	1,825

1/ Includes an allowance for milk produced by cows not on farms.

2/ Milk sherbet, ice milk, and miscellaneous minor frozen products.

3/ Milk equivalent of butter and condensed milk used in ice cream.

4/ Includes dry cream, malted milk, dry part skim milk, dry ice cream mix, and cottage cheese.

5/ Includes net milk equivalents of butter and frozen dairy products to avoid double counting of milk from which fat was reused in making a second dairy product.

6/ Includes an allowance for fluid consumption on farms not producing milk, in addition to the consumption on farms where milk is produced shown in Table 4.

7/ Net movement of whole milk or cream into export or storage channels. A negative figure represents net imports or net out-of-storage movement during the year.

8/ Residual, including miscellaneous minor uses and any inaccuracies of independently determined production and use items.

Table 12 (continued).-- Production and Utilization of Milk, United States, 1934-43

	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943
	M i l l i o n P o u n d s									
<b>Milk Production</b>										
On farms.....	101,621	101,205	102,410	101,908	105,807	106,792	109,412	115,088	118,533	117,017
Total 1/.....	104,021	103,505	104,710	104,208	108,107	108,992	111,512	117,088	120,433	118,517
<b>Utilization (milk equivalent)</b>										
<b>Mamufactured in plants</b>										
Creamery butter, total.....	35,087	33,892	33,330	33,685	36,430	36,167	37,349	38,077	35,938	34,460
From whey cream.....	412	440	454	456	506	496	548	666	775	698
Net.....	34,675	33,452	33,376	33,229	35,924	35,671	36,801	37,411	35,163	33,762
<b>Cheese</b>										
American.....	4,536	4,873	5,038	5,030	5,703	5,475	6,115	7,612	9,247	7,743
Other.....	1,365	1,437	1,479	1,497	1,555	1,632	1,747	1,945	1,874	2,179
<b>Canned milk</b>										
Evaporated.....	3,677	3,947	4,385	4,065	4,490	4,637	5,266	7,023	7,592	6,594
Sweetened condensed.....	134	117	104	105	91	76	137	268	147	278
Bulk condensed milk										
Unsweetened.....	226	250	316	325	313	261	312	278	307	249
Sweetened.....	94	80	107	104	103	119	165	172	163	145
<b>Dry whole milk.....</b>	120	156	137	103	162	185	223	347	474	1,052
<b>Frozen dairy products</b>										
Ice cream, total.....	2,851	3,253	3,845	4,326	4,247	4,536	4,712	5,754	6,795	5,106
Other 2/.....	11	12	17	20	20	45	96	112	117	230
Fat from other products 3/.....	617	700	808	904	889	956	983	1,213	1,457	813
Net from milk and cream.....	2,245	2,565	3,054	3,442	3,378	3,625	3,825	4,553	5,455	4,523
<b>Other factory products 4/.....</b>	64	73	91	100	97	121	132	161	209	339
<b>Total factory products 5/.....</b>	47,136	46,950	48,087	48,000	51,816	51,802	54,723	59,870	60,631	56,864
<b>Farm butter.....</b>	11,343	10,931	10,163	9,548	9,173	8,653	8,129	7,967	7,365	6,860
<b>Fluid consumption, farm 6/.....</b>	14,400	14,100	13,800	13,700	13,700	13,900	13,700	13,500	13,300	12,700
nonfarm.....	26,900	27,900	29,000	29,500	29,600	30,200	30,600	31,600	34,800	37,500
<b>Fed to calves.....</b>	2,688	2,676	2,755	2,724	2,850	2,967	2,994	3,124	3,294	3,276
<b>Exports and storage 7/.....</b>	-100	35	43	-123	151	-89	13	142	-115	212
<b>Other 8/.....</b>	1,654	1,013	862	859	817	1,559	1,353	885	1,159	1,105

1/ Includes an allowance for milk produced by cows not on farms.

2/ Milk sherbet, ice milk, and miscellaneous minor frozen products.

3/ Milk equivalent of butter and condensed milk used in ice cream.

4/ Includes dry cream, melted milk, dry part skim milk, dry ice cream mix, and cottage cheese.

5/ Includes net milk equivalents of butter and frozen dairy products to avoid double counting of milk from which fat was reused in making a second dairy product.

6/ Includes an allowance for fluid consumption on farms not producing milk, in addition to the consumption on farms where milk is produced shown in Table 4.

7/ Net movement of whole milk or cream into export or storage channels. A negative figure represents net imports or net out-of-storage movement during the year.

8/ Residual, including miscellaneous minor uses and any inaccuracies of independently determined production and use items.



Table 12 (continued).— Production and Utilization of Milk, United States, 1944-53

	1944	1945	1946	1947	1948	1949	1950	1951	1952	9/ 1953
	M i l l i o n P o u n d s									
<b>Milk production</b>										
On farms.....	117,023	119,828	117,597	116,814	112,671	116,103	116,602	114,841	115,197	121,219
Total 1/.....	118,123	120,628	118,697	118,114	113,671	117,003	117,302	115,341	115,597	121,519
<b>Utilization (milk equivalent)</b>										
<b>Manufactured in plants</b>										
Creamery butter, total.....	30,620	28,065	24,145	27,430	24,980	29,149	28,641	24,906	24,378	29,030
From whey cream.....	713	780	772	830	771	842	838	817	815	900
Net.....	29,907	27,285	23,373	26,600	24,209	28,307	27,803	24,089	23,563	28,130
<b>Cheese</b>										
American.....	8,090	8,777	8,058	9,394	8,597	9,384	8,972	8,791	8,551	9,770
Other.....	2,045	2,346	2,894	2,381	2,332	2,569	2,883	2,778	3,089	3,120
<b>Canned milk</b>										
Evaporated.....	7,384	8,147	6,567	6,899	7,271	5,898	6,177	6,221	6,086	5,480
Sweetened condensed.....	330	339	269	389	295	234	143	135	125	100
<b>Bulk condensed milk</b>										
Unsweetened.....	289	310	237	423	483	492	537	558	533	550
Sweetened.....	138	167	151	179	98	102	85	92	105	110
<b>Dry whole milk.....</b>	1,355	1,650	1,421	1,250	1,293	956	952	999	774	800
<b>Frozen dairy products</b>										
Ice cream, total.....	5,354	5,788	9,558	8,698	8,027	7,835	7,808	8,017	8,363	8,600
Other 2/, total.....	230	306	143	152	194	292	387	472	561	680
Fat from other products 3/.....	860	925	1,501	1,341	1,501	1,306	1,301	1,488	1,399	1,440
Net from milk and cream.....	4,724	5,169	8,200	7,509	6,720	6,821	6,894	7,001	7,525	7,840
<b>Other factory products 4/.....</b>	678	949	552	514	561	561	724	939	930	950
<b>Total factory products 5/.....</b>	54,940	55,139	51,722	55,538	51,859	55,324	55,170	51,603	51,281	56,850
<b>Farm butter.....</b>	6,621	6,714	6,557	6,154	5,808	5,440	5,160	4,910	4,514	4,367
<b>Fluid consumption, farm 6/.....</b>	12,900	12,800	13,100	12,600	12,100	11,800	11,500	11,500	11,400	11,000
nonfarm.....	38,400	40,700	42,200	41,100	40,600	41,200	42,200	43,300	44,200	45,300
<b>Fed to calves.....</b>	3,258	3,290	3,228	3,194	3,064	3,163	3,286	3,450	3,349	3,337
<b>Exports and storage 7/.....</b>	-148	-39	487	-342	148	-242	-56	116	79	-148
<b>Other 8/.....</b>	2,152	2,024	1,403	-130	92	318	42	462	774	813

1/ Includes an allowance for milk produced by cows not on farms.

2/ Milk sherbet, ice milk, and miscellaneous minor frozen products.

3/ Milk equivalent of butter and condensed milk used in ice cream.

4/ Includes dry cream, malted milk, dry part skim milk, dry ice cream mix, and cottage cheese.

5/ Includes net milk equivalents of butter and frozen dairy products to avoid double counting of milk from which fat was reused in making a second dairy product.

6/ Includes an allowance for fluid consumption on farms not producing milk in addition to the consumption on farms where milk is produced shown in Table 4.

7/ Net movement of whole milk or cream into export or storage channels. A negative figure represents net imports or net out-of-storage movement during the year.

8/ Residual, including miscellaneous minor uses and any inaccuracies of independently determined production and use items.

9/ Preliminary.

Table 13.—Milk production on farms, by months, selected States, 1942-51 average, 1952 and 1953

	January	February	March	April	May	June	July	August	September	October	November	December	Year
M i l l i o n   p o u n d s													
<u>NEW JERSEY</u>													
1942-51 av.	85	80	92	93	104	97	91	91	86	84	79	83	1,066
1952	93	90	99	100	112	100	92	95	91	90	85	91	1,138
1953 1/	95	88	102	102	112	101	94	96	90	89	87	94	1,150
<u>PENNSYLVANIA</u>													
1942-51 av.	397	379	448	468	532	511	480	464	434	419	378	389	5,298
1952	442	432	493	507	571	527	492	483	464	457	420	448	5,736
1953 1/	470	441	524	537	603	553	516	494	463	462	438	470	5,971
<u>OHIO</u>													
1942-51 av.	352	332	396	432	535	540	515	482	438	411	354	344	5,132
1952	372	352	413	444	560	550	518	496	457	436	393	397	5,388
1953 1/	415	384	456	482	587	573	542	523	478	444	404	420	5,708
<u>INDIANA</u>													
1942-51 av.	258	249	283	299	370	373	365	346	315	296	254	250	3,658
1952	245	249	274	294	387	380	355	337	312	282	245	246	3,606
1953 1/	261	259	313	321	402	393	368	347	312	289	258	260	3,783
<u>ILLINOIS</u>													
1942-51 av.	399	390	447	467	563	554	516	484	427	405	364	376	5,391
1952	342	360	406	412	502	499	471	457	417	387	342	370	4,965
1953 1/	381	372	440	444	530	520	490	451	403	390	369	402	5,192
<u>MICHIGAN</u>													
1942-51 av.	386	376	434	456	540	558	518	485	440	412	359	365	5,328
1952	380	384	438	450	534	561	515	496	464	441	386	399	5,448
1953 1/	413	397	463	480	557	571	522	510	465	441	396	414	5,629
<u>WISCONSIN</u>													
1942-51 av.	1,040	1,060	1,294	1,399	1,658	1,675	1,471	1,253	1,049	961	852	945	14,657
1952	1,035	1,122	1,350	1,410	1,712	1,750	1,515	1,310	1,112	1,024	902	1,030	15,272
1953 1/	1,176	1,181	1,442	1,533	1,757	1,760	1,539	1,331	1,123	1,043	964	1,140	15,989
<u>MINNESOTA</u>													
1942-51 av.	691	688	807	801	916	938	806	646	517	494	505	611	8,421
1952	621	660	758	770	913	887	737	594	487	480	519	662	8,088
1953 1/	724	722	841	843	925	934	773	597	497	499	550	685	8,590
<u>IOWA</u>													
1942-51 av.	467	455	538	555	707	705	661	590	486	460	413	431	6,468
1952	384	379	441	460	605	616	585	530	457	432	382	405	5,676
1953 1/	431	406	483	502	639	640	606	539	448	430	391	413	5,928
<u>MISSOURI</u>													
1942-51 av.	250	242	286	337	425	424	416	401	355	323	265	254	3,977
1952	250	243	287	334	423	409	401	411	373	324	271	268	3,894
1953 1/	261	253	311	370	460	447	423	403	356	336	288	290	4,198
<u>NORTH DAKOTA</u>													
1942-51 av.	115	124	148	163	215	249	234	196	146	121	102	106	1,920
1952	97	112	134	151	195	212	203	178	135	108	95	103	1,723
1953 1/	109	117	141	155	201	226	211	173	129	108	101	110	1,781
<u>SOUTH DAKOTA</u>													
1942-51 av.	104	107	125	136	179	197	182	148	116	98	86	92	1,570
1952	83	85	102	110	145	157	147	121	100	87	78	82	1,297
1953 1/	88	93	110	118	152	163	154	126	102	91	85	87	1,369
<u>NEBRASKA</u>													
1942-51 av.	173	175	201	224	275	284	267	232	184	162	148	156	2,481
1952	143	151	173	185	226	233	222	198	161	146	129	136	2,103
1953 1/	147	151	179	194	233	242	233	197	165	159	140	143	2,183
<u>KANSAS</u>													
1942-51 av.	203	205	233	262	312	295	274	257	213	199	190	193	2,836
1952	169	167	188	210	248	231	212	213	184	173	164	170	2,329
1953 1/	172	168	201	223	260	246	231	222	187	179	181	190	2,460
<u>VIRGINIA</u>													
1942-51 av.	120	112	128	142	172	177	180	180	165	154	132	126	1,787
1952	132	125	142	155	183	177	173	182	176	166	146	143	1,900
1953 1/	142	133	154	167	199	196	192	189	179	171	151	149	2,022

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Table 13 (continued).--Milk production on farms, by months, selected States, 1942-51 average, 1952 and 1953

	January	February	March	April	May	June	July	August	September	October	November	December	Year
M i l l i o n   p o u n d s													
<u>WEST VIRGINIA</u>													
1942-51 av.	55	51	59	65	82	87	86	81	74	70	59	54	823
1952	54	53	59	64	76	80	79	76	70	66	57	55	789
1953 1/	57	53	60	65	79	83	80	74	69	68	58	57	803
<u>NORTH CAROLINA</u>													
1942-51 av.	108	101	115	127	141	140	146	144	131	124	112	110	1,498
1952	120	115	122	136	150	145	146	151	144	136	125	125	1,615
1953 1/	124	117	130	144	159	157	164	162	149	141	133	135	1,715
<u>SOUTH CAROLINA</u>													
1942-51 av.	42	40	46	49	53	53	55	55	50	47	42	43	575
1952	43	41	46	51	55	53	54	53	49	46	42	42	575
1953 1/	43	41	48	51	55	55	56	55	52	50	45	45	596
<u>GEORGIA</u>													
1942-51 av.	84	80	94	100	108	106	109	107	99	92	83	85	1,148
1952	88	87	98	106	108	103	102	102	103	98	91	90	1,176
1953 1/	88	84	100	107	111	109	108	109	107	104	95	96	1,218
<u>KENTUCKY</u>													
1942-51 av.	137	132	152	181	232	240	250	244	214	188	152	138	2,261
1952	147	145	167	192	246	247	239	238	216	191	157	147	2,332
1953 1/	153	153	175	203	256	263	265	261	224	197	163	156	2,469
<u>TENNESSEE</u>													
1942-51 av.	141	136	161	188	228	228	236	235	208	178	150	144	2,233
1952	151	145	169	200	235	225	226	227	215	190	167	162	2,312
1953 1/	161	151	183	218	256	247	255	255	227	196	173	170	2,492
<u>ALABAMA</u>													
1942-51 av.	93	88	101	111	125	125	130	124	112	105	96	94	1,304
1952	91	93	109	116	126	125	124	118	106	102	97	99	1,306
1953 1/	100	98	108	118	134	133	134	126	113	112	103	98	1,377
<u>MISSISSIPPI</u>													
1942-51 av.	89	88	108	127	151	146	148	137	116	105	93	89	1,396
1952	94	94	111	128	149	138	136	131	116	107	97	98	1,399
1953 1/	100	100	122	145	161	148	148	145	133	120	103	104	1,529
<u>OKLAHOMA</u>													
1942-51 av.	152	159	189	213	260	249	241	220	180	163	142	138	2,306
1952	129	132	145	160	197	181	167	161	134	126	109	108	1,749
1953 1/	126	132	160	178	208	185	178	173	145	137	129	129	1,880
<u>TEXAS</u>													
1942-51 av.	256	259	307	346	387	380	377	342	305	286	257	249	3,751
1952	222	223	263	302	332	307	290	267	250	247	226	233	3,162
1953 1/	243	238	292	323	315	293	297	280	266	253	228	233	3,261
<u>MONTANA</u>													
1942-51 av.	42	42	49	55	70	76	72	62	53	49	40	40	650
1952	34	34	38	43	55	57	54	48	42	39	34	35	513
1953 1/	35	35	40	45	54	58	57	50	43	40	36	36	529
<u>IDAHO</u>													
1942-51 av.	89	86	103	114	135	135	129	118	102	97	85	86	1,278
1952	81	82	93	103	124	120	117	108	96	95	86	86	1,191
1953 1/	88	86	104	117	137	137	133	128	113	110	101	98	1,352
<u>UTAH</u>													
1942-51 av.	51	49	55	59	67	67	63	56	49	49	45	48	659
1952	53	51	55	56	61	67	63	56	49	50	48	53	662
1953 1/	56	52	58	61	67	68	65	59	51	52	50	54	693
<u>WASHINGTON</u>													
1942-51 av.	127	123	146	168	203	198	186	170	148	140	123	122	1,854
1952	123	118	139	154	182	167	153	147	133	131	115	116	1,678
1953 1/	126	120	145	159	185	179	168	157	142	139	123	122	1,765
<u>OREGON</u>													
1942-51 av.	81	78	101	125	150	148	140	122	105	97	85	81	1,313
1952	73	73	92	113	134	129	122	109	95	88	78	76	1,182
1953 1/	74	74	96	116	137	133	129	112	99	93	84	83	1,230
<u>CALIFORNIA</u>													
1942-51 av.	416	407	496	535	564	535	529	501	452	444	414	416	5,711
1952	447	447	516	554	579	554	553	534	490	490	455	455	6,074
1953 1/	463	458	550	586	629	606	607	587	532	523	507	504	6,552

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